



# Gas Unit Commitment Coordination Mandatory Fuel Field Review and Q&A Session

Alpa Jani  
Senior Consultant  
System Operations  
March 23, 2015

- ✓ Production Deployment Overview
- ✓ Mandatory eMKT Fuel Field and Enhancement Review
- ✓ Open Q&A

The production deployment for the **MANDATORY** fuel data is scheduled for **Wednesday, April 1 0800-1000**).

The **Energy Fuel Type** and **Startup Fuel Type** data fields are **REQUIRED** to be entered for XML upload and the eMKT user interface to:

- Participate in the Day Ahead Market beginning on 4/1 for 4/2. The mandatory fields will be required to be entered by 12:00 noon.
- Participate in the Optional Intraday Cost update functionality implemented into production on 2/23/15.

Name	Value	Name	Value
Description		Schedule Available	No
Market Type	Both	Energy Fuel Type	Other   Other
Use Startup No Load	Yes	Startup Fuel Type	Other   Other
Hot Startup Cost(\$)	112.11	Max Runtime (Hour)	168.00
Inter Startup Cost(\$)	112.11	Maximum Daily Starts Limit: 2	4
Cold Startup Cost(\$)	112.11	Max Weekly Energy(MW)	8517.0
No Load Cost(\$)	(null)	Maximum Weekly Starts Limit: 14	28

Changing Schedule Detail Screen via XML for Fuel Type Fields:

```

<EnergyFuelTypes> ← Field Name Change Required
  <Primary>Coal</Primary>
  <Sub>Bituminous 1.0 S</Sub> ← Required
</EnergyFuelTypes>
<StartupFuelTypes> ← Required
  <Primary>Gas</Primary>
  <Sub>Natural Gas</Sub> ← Required
</StartupFuelTypes>
  
```



# 4/1/15 Scheduled Production Deployment

	<b>Energy Fuel Type/ Subtype and Startup Fuel/Subtype REQUIRED</b>
<b>What</b>	Energy Fuel Type/ Subtype and Startup Fuel/Subtype fields are <b>REQUIRED</b> for the eMKT UI and XML
<b>Why</b>	<ul style="list-style-type: none"><li>- Cold Weather and Hot Weather Recommendations</li><li>- GO Generator Survey</li><li>- eMKT user guide</li><li>- M14D, Section 2.1 and Section 7</li><li>- M13</li></ul>
<b>Who</b>	Any stakeholder that submits generation offers to PJM. This is not applicable for financial only offers (e.g. virtual bids, up to congestion bids).
<b>When</b>	Required beginning on 4/1/15
<b>Impact</b>	If data for required fuel fields is not entered, <b>Offers can not be submitted on 4/1/15 for 4/2/15</b>
<b>What do I have to do?</b>	<ul style="list-style-type: none"><li>- Ensure all schedules in eMKT have required fuel data entered.</li><li>- Recommend deleting schedules which are no longer used or else a fuel type will need to be provided for them.</li><li>- Update XML code from Fuel Type to Energy Fuel Type</li></ul> <p>*Please Note: Additional Fuel types have been added to production. Please contact the PJM Members hotline if you do not see your required fuel type available.</p>

## Energy Fuel Type/ Subtype and Startup Fuel/Subtype **REQUIRED**

### ***Enhancements Currently in Production to Support the 4/1 Deployment***

1- Energy Fuel Type and Subtype and Startup Fuel and Subtype data will not be required to be entered each time. The system will retain the fuel data if it has been added through the GO survey or via the user interface or via XML. Once data is entered, only members' desired changes should be updated.

Please note that updating the fuel information in the sandbox will not update the Production environment.

2- Additional valid fuel types have been added to production. The XML query can be used at anytime to obtain the latest list of valid fuel types.

3- XML query for valid fuel types has posted to eMKT (titled GUCC XML Query Information for Obtaining Valid Fuel Types).